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October 17, 2016

Mr. Matthew Aufman
North Carolina Department of
Environmental Quality
Pre-Regulatory Landfill Unit
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Subject: Work Plan for Task Orders 7946RA-4 through -12
Fairview Landfill
Fairview, Buncombe County, North Carolina
Site Identification Number: NCD980557946

Dear Mr. Aufman:

CDM Smith Inc. is pleased to submit this Work Plan for Task Orders 7946RA-4 through -12 dated October 7, 2016. Per the task orders, the following activities will be completed by CDM Smith:

- Task Orders 7946RA-4 and -4A: Conduct initial construction activities for implementation of the Remedial Action Plan (RAP) including preparation of conformed drawings and specifications, pre-construction meeting, review condition of Hollywood Road with the North Carolina Department of Transportation, and mobilize staff;
- Task Orders 7946RA-5 and -5A: Provide general construction services for Phase 1 construction activities;
- Task Orders 7946RA-6 and -6A: Provide general construction services for Phase 2 construction activities;
- Task Orders 7946RA-7 and -7A: Provide general construction services for Phase 3 construction activities;
- Task Orders 7946RA-8 and -8A: Provide general construction services for Phase 4 construction activities;
- Task Orders 7946RA-9 and -9A: Provide general construction services for Phase 5 construction activities;





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- Task Orders 7946RA-10 and -10A: Provide general construction services for Phase 6 construction activities;
- Task Orders 7946RA-11 and -11A: Provide general construction services for Phase 7 construction activities including the final walk-through and all construction close-out activities; and
- Task Order 7946RA-12: Compile and submit the completion report summarizing the results of the implemented RAP.

Initial construction activities will commence within 4 weeks of receiving the notice to proceed.

We look forward to working with you on this project and others. If you have any questions or comments, please do not hesitate to contact me by phone at (919) 325-3532 or by email to weispfenningam@cdmsmith.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Aaron Weispfenning".

Aaron M. Weispfenning, P.E.
CDM Smith Inc.

cc: Mat Colone, CDM Smith
Daniel Forbes, CDM Smith



Section 1

Task Order 7946RA-4 and 4A – Initial Construction Activities

1.1 General

CDM Smith Inc. (CDM Smith) is pleased to submit this Work Plan for Remedial Action Plan (RAP) implementation of initial construction activities for the Fairview Landfill (site) located in Fairview, Buncombe County, North Carolina. This Work Plan was prepared in accordance with Task Orders 7946RA-4 and -4A dated October 7, 2016. All work for each task order will be performed by CDM Smith staff and their subcontractors under the direction of a North Carolina licensed Engineer or Geologist.

All field activities will be performed in accordance with the Work Plan and CDM Smith's Standard Operating Procedures and Quality Assurance (SOPQA) manual, dated May 30, 2013, that was approved by the North Carolina Department of Environmental Quality's (NCDEQ) Division of Waste Management - Superfund Section - Inactive Hazardous Sites Branch (IHSB) - Pre-Regulatory Landfill Unit (Unit). Work Plan details for subsequent Tasks and a general schedule for each are provided in the following Sections.

CDM Smith and subcontractor personnel engaged in intrusive field activities at the site will comply with Occupational Safety and Health Administration required health and safety training for hazardous waste sites. All subcontracted services will be performed by licensed or certified North Carolina subcontractors.

1.2 Scope of Work

Under Task Order 7946RA-4 and 4A, CDM Smith will prepare a conformed set of drawings and specifications and prepare a final project manual, attend a preconstruction meeting, meet with the North Carolina Department of Transportation (NCDOT) to review the condition of Hollywood Road, and mobilize staff, including a Resident Project Representative (RPR), to begin oversight of initial construction activities by the selected subcontractor. The preconstruction meeting will be used to identify personnel and roles, discuss lines of communication, submittal requirements, scheduling and sequencing of tasks and other items. Meeting minutes will be prepared by CDM Smith and distributed to all attendees.

Initial construction activities to be completed by the selected subcontractor include: mobilization; conduct an initial site survey; installation of temporary sediment and erosion control/stormwater control devices; construction entrance installation; timbering of the site; establishment of stockpile area and installation of temporary access roads; and installation of temporary fencing.

CDM Smith cost estimates for this Task are included in Task Order 7946RA-4 and selected subcontractor costs are included in Task Order 7946RA-4A.

1.3 Schedule

CDM Smith will begin preparing conformed drawings and specifications and the final project manual within 1 week of notice to proceed. The preconstruction meeting, meeting with NCDOT, and initial construction activities will commence within 4 weeks of notice to proceed.

Section 2

Task Order 7946RA-5 and 5A– Phase 1 Construction Activities

2.1 General

CDM Smith is pleased to submit this Work Plan for RAP implementation of Phase 1 construction activities for the site. This Work Plan was prepared in accordance with Task Orders 7946RA-5 and -5A dated October 7, 2016. All work for each task order will be performed by CDM Smith staff and their subcontractors under the direction of a North Carolina licensed Engineer or Geologist.

All field activities will be performed in accordance with the Work Plan and CDM Smith's SOPQA manual, dated May 30, 2013, that was approved by the NCDEQ IHSB Unit. Work Plan details for subsequent Tasks and a general schedule for each are provided in the following Sections.

CDM Smith and subcontractor personnel engaged in intrusive field activities at the site will comply with Occupational Safety and Health Administration required health and safety training for hazardous waste sites. All subcontracted services will be performed by licensed or certified North Carolina subcontractors.

2.2 Scope of Work

Under Task Order 7946RA-5 and RA-5A, CDM Smith will provide general construction services for the Phase 1 construction activities. CDM Smith will provide full-time observation by an RPR experienced with similar construction activities. CDM Smith's RPR will be on-site for an estimated 10 hours a day until construction is complete. The RPR will be familiar with the contract documents and will provide the following services:

- Observe daily construction activities to determine compliance with the plans and specifications, workmanship and progress in accordance with the approved schedule;
- Document daily construction activities through written field reports and photographs;
- Provide daily field reports and photographs to the CDM Smith and Unit Project Managers no later than the close of business of the following day;
- Coordinate with the subcontractor on measurement of quantities;
- Collect cover soil and confirmatory soil samples during construction. Samples will be analyzed as proposed in the remedial action plan;
- Prepare a preliminary punch list of close out items; and
- Observe and verify performance testing by the subcontractor.

In addition, CDM Smith will perform the following additional administrative services during construction:

- Attend monthly progress meetings at the Site. Summary meeting notes will be prepared for the monthly progress meetings and all meetings will be documented by a digital recording device. Meeting notes will be provided to all attendees;
- Prepare monthly reports that summarize the progress provided in the RPR's daily reports. An updated construction schedule will also be provided with the monthly progress reports;
- Respond in writing to the subcontractor's Requests for Information and requests for clarification, including necessary supporting documentation;
- Review Change Order proposals, including cost estimates for construction contract changes, and prepare Change Orders;
- Review and make recommendations or provide supporting written documentation if needed regarding disputes and claims by the subcontractor; and
- Verify that the subcontractor completes all work in accordance with the General Conditions, Standard General Provisions and Technical Specifications;

Phase 1 construction activities to be completed by the selected subcontractor include: Installation and maintenance of temporary sediment and erosion and stormwater control devices; clearing, grubbing, and disposal of grubbed material; excavation, transport, and disposal of waste; installation of permanent stormwater control devices; Phase 1 survey; and installation of Phase 1 protective cover system.

CDM Smith cost estimates for this Task are included in Task Order 7946RA-5 and selected subcontractor costs are included in Task Order 7946RA-5A.

2.3 Schedule

CDM Smith and the selected subcontractor will commence Phase 1 construction activities immediately following completion of the initial construction activities. It is estimated that the Phase 1 construction will be completed within two to three weeks of commencement.

Section 3

Task Order 7946RA-6 and 6A– Phase 2 Construction Activities

3.1 General

CDM Smith is pleased to submit this Work Plan for RAP implementation of Phase 2 construction activities site. This Work Plan was prepared in accordance with Task Orders 7946RA-6 and -6A dated October 7, 2016. All work for each task order will be performed by CDM Smith staff and their subcontractors under the direction of a North Carolina licensed Engineer or Geologist.

All field activities will be performed in accordance with the Work Plan and CDM Smith's SOPQA manual, dated May 30, 2013, that was approved by the NCDEQ IHSB Unit. Work Plan details for subsequent Tasks and a general schedule for each are provided in the following Sections.

CDM Smith and subcontractor personnel engaged in intrusive field activities at the site will comply with Occupational Safety and Health Administration required health and safety training for hazardous waste sites. All subcontracted services will be performed by licensed or certified North Carolina subcontractors.

3.2 Scope of Work

Under Task Order 7946RA-6 and RA-6A, CDM Smith will provide general construction services for the Phase 2 construction activities. CDM Smith will provide full-time observation by an RPR experienced with similar construction activities. CDM Smith's RPR will be on-site for an estimated 10 hours a day until construction is complete. The RPR will be familiar with the contract documents and will provide the following services:

- Observe daily construction activities to determine compliance with the plans and specifications, workmanship and progress in accordance with the approved schedule;
- Document daily construction activities through written field reports and photographs;
- Provide daily field reports and photographs to the CDM Smith and Unit Project Managers no later than the close of business of the following day;
- Coordinate with the subcontractor on measurement of quantities;
- Collect cover soil and confirmatory soil samples during construction. Samples will be analyzed as proposed in the remedial action plan;
- Prepare a preliminary punch list of close out items; and
- Observe and verify performance testing by the subcontractor.

In addition, CDM Smith will perform the following additional administrative services during construction:

- Attend monthly progress meetings at the Site. Summary meeting notes will be prepared for the monthly progress meetings and all meetings will be documented by a digital recording device. Meeting notes will be provided to all attendees;
- Prepare monthly reports that summarize the progress provided in the RPR's daily reports. An updated construction schedule will also be provided with the monthly progress reports;
- Respond in writing to the subcontractor's Requests for Information and requests for clarification, including necessary supporting documentation;
- Review Change Order proposals, including cost estimates for construction contract changes, and prepare Change Orders;
- Review and make recommendations or provide supporting written documentation if needed regarding disputes and claims by the subcontractor; and
- Verify that the subcontractor completes all work in accordance with the General Conditions, Standard General Provisions and Technical Specifications;

Phase 2 construction activities to be completed by the selected subcontractor include: Installation and maintenance of temporary sediment and erosion and stormwater control devices; clearing, grubbing, and disposal of grubbed material; excavation, transport, and disposal of waste; installation of permanent stormwater control devices; Phase 2 survey; and installation of Phase 2 protective cover system.

CDM Smith cost estimates for this Task are included in Task Order 7946RA-6 and selected subcontractor costs are included in Task Order 7946RA-6A.

3.3 Schedule

CDM Smith and the selected subcontractor will commence Phase 2 construction activities immediately following completion of the Phase 1 construction activities. It is estimated that the Phase 2 construction will be completed within two to three weeks of commencement.

Section 4

Task Order 7946RA-7 and 7A– Phase 3 Construction Activities

4.1 General

CDM Smith is pleased to submit this Work Plan for RAP implementation of Phase 3 construction activities for the site. This Work Plan was prepared in accordance with Task Orders 7946RA-7 and -7A dated October 7, 2016. All work for each task order will be performed by CDM Smith staff and their subcontractors under the direction of a North Carolina licensed Engineer or Geologist.

All field activities will be performed in accordance with the Work Plan and CDM Smith's SOPQA manual, dated May 30, 2013, that was approved by the NCDEQ IHSB Unit. Work Plan details for subsequent Tasks and a general schedule for each are provided in the following Sections.

CDM Smith and subcontractor personnel engaged in intrusive field activities at the site will comply with Occupational Safety and Health Administration required health and safety training for hazardous waste sites. All subcontracted services will be performed by licensed or certified North Carolina subcontractors.

4.2 Scope of Work

Under Task Orders 7946RA-7 and 7A, CDM Smith will provide general construction services for the Phase 3 construction activities. CDM Smith will provide full-time observation by an RPR experienced with similar construction activities. CDM Smith's RPR will be on-site for an estimated 10 hours a day until construction is complete. The RPR will be familiar with the contract documents and will provide the following services:

- Observe daily construction activities to determine compliance with the plans and specifications, workmanship and progress in accordance with the approved schedule;
- Document daily construction activities through written field reports and photographs;
- Provide daily field reports and photographs to the CDM Smith and Unit Project Managers no later than the close of business of the following day;
- Coordinate with the subcontractor on measurement of quantities;
- Collect cover soil and confirmatory soil samples during construction. Samples will be analyzed as proposed in the remedial action plan;
- Prepare a preliminary punch list of close out items; and
- Observe and verify performance testing by the subcontractor.

In addition, CDM Smith will perform the following additional administrative services during construction:

- Attend monthly progress meetings at the Site. Summary meeting notes will be prepared for the monthly progress meetings and all meetings will be documented by a digital recording device. Meeting notes will be provided to all attendees;
- Prepare monthly reports that summarize the progress provided in the RPR's daily reports. An updated construction schedule will also be provided with the monthly progress reports;
- Respond in writing to the subcontractor's Requests for Information and requests for clarification, including necessary supporting documentation;
- Review Change Order proposals, including cost estimates for construction contract changes, and prepare Change Orders;
- Review and make recommendations or provide supporting written documentation if needed regarding disputes and claims by the subcontractor; and
- Verify that the subcontractor completes all work in accordance with the General Conditions, Standard General Provisions and Technical Specifications;

Phase 3 construction activities to be completed by the selected subcontractor include: Installation and maintenance of temporary sediment and erosion and stormwater control devices; clearing, grubbing, and disposal of grubbed material; excavation, transport, and disposal of waste; installation of permanent stormwater control devices; Phase 3 survey; and installation of Phase 3 protective cover system.

CDM Smith cost estimates for this Task are included in Task Order 7946RA-7 and selected subcontractor costs are included in Task Order 7946RA-7A.

4.3 Schedule

CDM Smith and the selected subcontractor will commence Phase 3 construction activities immediately following completion of the Phase 2 construction activities. It is estimated that the Phase 3 construction will be completed within two to three weeks of commencement.

Section 5

Task Order 7946RA-8 and 8A– Phase 4 Construction Activities

5.1 General

CDM Smith is pleased to submit this Work Plan for RAP implementation of Phase 4 construction activities for the site. This Work Plan was prepared in accordance with Task Orders 7946RA-8 and -8A dated October 7, 2016. All work for each task order will be performed by CDM Smith staff and their subcontractors under the direction of a North Carolina licensed Engineer or Geologist.

All field activities will be performed in accordance with the Work Plan and CDM Smith's SOPQA manual, dated May 30, 2013, that was approved by the NCDEQ IHSB Unit. Work Plan details for subsequent Tasks and a general schedule for each are provided in the following Sections.

CDM Smith and subcontractor personnel engaged in intrusive field activities at the site will comply with Occupational Safety and Health Administration required health and safety training for hazardous waste sites. All subcontracted services will be performed by licensed or certified North Carolina subcontractors.

5.2 Scope of Work

Under Task Orders 7946RA-8 and 8A, CDM Smith will provide general construction services for the Phase 4 construction activities. CDM Smith will provide full-time observation by an RPR experienced with similar construction activities. CDM Smith's RPR will be on-site for an estimated 10 hours a day until construction is complete. The RPR will be familiar with the contract documents and will provide the following services:

- Observe daily construction activities to determine compliance with the plans and specifications, workmanship and progress in accordance with the approved schedule;
- Document daily construction activities through written field reports and photographs;
- Provide daily field reports and photographs to the CDM Smith and Unit Project Managers no later than the close of business of the following day;
- Coordinate with the subcontractor on measurement of quantities;
- Collect cover soil and confirmatory soil samples during construction. Samples will be analyzed as proposed in the remedial action plan;
- Prepare a preliminary punch list of close out items; and
- Observe and verify performance testing by the subcontractor.

In addition, CDM Smith will perform the following additional administrative services during construction:

- Attend monthly progress meetings at the Site. Summary meeting notes will be prepared for the monthly progress meetings and all meetings will be documented by a digital recording device. Meeting notes will be provided to all attendees;
- Prepare monthly reports that summarize the progress provided in the RPR's daily reports. An updated construction schedule will also be provided with the monthly progress reports;
- Respond in writing to the subcontractor's Requests for Information and requests for clarification, including necessary supporting documentation;
- Review Change Order proposals, including cost estimates for construction contract changes, and prepare Change Orders;
- Review and make recommendations or provide supporting written documentation if needed regarding disputes and claims by the subcontractor; and
- Verify that the subcontractor completes all work in accordance with the General Conditions, Standard General Provisions and Technical Specifications;

Phase 4 construction activities to be completed by the selected subcontractor include: Installation and maintenance of temporary sediment and erosion and stormwater control devices; clearing, grubbing, and disposal of grubbed material; excavation, transport, and disposal of waste; installation of permanent stormwater control devices; Phase 4 survey; and installation of Phase 4 protective cover system.

CDM Smith cost estimates for this Task are included in Task Order 7946RA-8 and selected subcontractor costs are included in Task Order 7946RA-8A.

5.3 Schedule

CDM Smith and the selected subcontractor will commence Phase 4 construction activities immediately following completion of the Phase 3 construction activities. It is estimated that the Phase 4 construction will be completed within two to three weeks of commencement.

Section 6

Task Order 7946RA-9 and 9A– Phase 5 Construction Activities

6.1 General

CDM Smith is pleased to submit this Work Plan for RAP implementation of Phase 5 construction activities for the site. This Work Plan was prepared in accordance with Task Orders 7946RA-9 and -9A dated October 7, 2016. All work for each task order will be performed by CDM Smith staff and their subcontractors under the direction of a North Carolina licensed Engineer or Geologist.

All field activities will be performed in accordance with the Work Plan and CDM Smith's SOPQA manual, dated May 30, 2013, that was approved by the NCDEQ IHSB Unit. Work Plan details for subsequent Tasks and a general schedule for each are provided in the following Sections.

CDM Smith and subcontractor personnel engaged in intrusive field activities at the site will comply with Occupational Safety and Health Administration required health and safety training for hazardous waste sites. All subcontracted services will be performed by licensed or certified North Carolina subcontractors.

6.2 Scope of Work

Under Task Orders 7946RA-9 and 9A, CDM Smith will provide general construction services for the Phase 5 construction activities. CDM Smith will provide full-time observation by an RPR experienced with similar construction activities. CDM Smith's RPR will be on-site for an estimated 10 hours a day until construction is complete. The RPR will be familiar with the contract documents and will provide the following services:

- Observe daily construction activities to determine compliance with the plans and specifications, workmanship and progress in accordance with the approved schedule;
- Document daily construction activities through written field reports and photographs;
- Provide daily field reports and photographs to the CDM Smith and Unit Project Managers no later than the close of business of the following day;
- Coordinate with the subcontractor on measurement of quantities;
- Collect cover soil and confirmatory soil samples during construction. Samples will be analyzed as proposed in the remedial action plan;
- Prepare a preliminary punch list of close out items; and
- Observe and verify performance testing by the subcontractor.

In addition, CDM Smith will perform the following additional administrative services during construction:

- Attend monthly progress meetings at the Site. Summary meeting notes will be prepared for the monthly progress meetings and all meetings will be documented by a digital recording device. Meeting notes will be provided to all attendees;
- Prepare monthly reports that summarize the progress provided in the RPR's daily reports. An updated construction schedule will also be provided with the monthly progress reports;
- Respond in writing to the subcontractor's Requests for Information and requests for clarification, including necessary supporting documentation;
- Review Change Order proposals, including cost estimates for construction contract changes, and prepare Change Orders;
- Review and make recommendations or provide supporting written documentation if needed regarding disputes and claims by the subcontractor; and
- Verify that the subcontractor completes all work in accordance with the General Conditions, Standard General Provisions and Technical Specifications;

Phase 5 construction activities to be completed by the selected subcontractor include: Installation and maintenance of temporary sediment and erosion and stormwater control devices; clearing, grubbing, and disposal of grubbed material; excavation, transport, and disposal of waste; installation of permanent stormwater control devices; Phase 5 survey; and installation of Phase 5 protective cover system.

CDM Smith cost estimates for this Task are included in Task Order 7946RA-9 and selected subcontractor costs are included in Task Order 7946RA-9A.

6.3 Schedule

CDM Smith and the selected subcontractor will commence Phase 5 construction activities immediately following completion of the Phase 4 construction activities. It is estimated that the Phase 5 construction will be completed within two to three weeks of commencement.

Section 7

Task Order 7946RA-10 and 10A– Phase 6 Construction Activities

7.1 General

CDM Smith is pleased to submit this Work Plan for RAP implementation of Phase 6 construction activities for the site. This Work Plan was prepared in accordance with Task Orders 7946RA-10 and -10A dated October 7, 2016. All work for each task order will be performed by CDM Smith staff and their subcontractors under the direction of a North Carolina licensed Engineer or Geologist.

All field activities will be performed in accordance with the Work Plan and CDM Smith's SOPQA manual, dated May 30, 2013, that was approved by the NCDEQ IHSB Unit. Work Plan details for subsequent Tasks and a general schedule for each are provided in the following Sections.

CDM Smith and subcontractor personnel engaged in intrusive field activities at the site will comply with Occupational Safety and Health Administration required health and safety training for hazardous waste sites. All subcontracted services will be performed by licensed or certified North Carolina subcontractors.

7.2 Scope of Work

Under Task Orders 7946RA-10 and 10A, CDM Smith will provide general construction services for the Phase 6 construction activities. CDM Smith will provide full-time observation by an RPR experienced with similar construction activities. CDM Smith's RPR will be on-site for an estimated 10 hours a day until construction is complete. The RPR will be familiar with the contract documents and will provide the following services:

- Observe daily construction activities to determine compliance with the plans and specifications, workmanship and progress in accordance with the approved schedule;
- Document daily construction activities through written field reports and photographs;
- Provide daily field reports and photographs to the CDM Smith and Unit Project Managers no later than the close of business of the following day;
- Coordinate with the subcontractor on measurement of quantities;
- Collect cover soil and confirmatory soil samples during construction. Samples will be analyzed as proposed in the remedial action plan;
- Prepare a preliminary punch list of close out items; and
- Observe and verify performance testing by the subcontractor.

In addition, CDM Smith will perform the following additional administrative services during construction:

- Attend monthly progress meetings at the Site. Summary meeting notes will be prepared for the monthly progress meetings and all meetings will be documented by a digital recording device. Meeting notes will be provided to all attendees;
- Prepare monthly reports that summarize the progress provided in the RPR's daily reports. An updated construction schedule will also be provided with the monthly progress reports;
- Respond in writing to the subcontractor's Requests for Information and requests for clarification, including necessary supporting documentation;
- Review Change Order proposals, including cost estimates for construction contract changes, and prepare Change Orders;
- Review and make recommendations or provide supporting written documentation if needed regarding disputes and claims by the subcontractor; and,
- Verify that the subcontractor completes all work in accordance with the General Conditions, Standard General Provisions and Technical Specifications;

Phase 6 construction activities to be completed by the selected subcontractor include: Installation and maintenance of temporary sediment and erosion and stormwater control devices; clearing, grubbing, and disposal of grubbed material; excavation, transport, and disposal of waste; installation of permanent stormwater control devices; Phase 6 survey; and installation of Phase 6 protective cover system.

CDM Smith cost estimates for this Task are included in Task Order 7946RA-10 and selected subcontractor costs are included in Task Order 7946RA-10A.

7.3 Schedule

CDM Smith and the selected subcontractor will commence Phase 6 construction activities immediately following completion of the Phase 5 construction activities. It is estimated that the Phase 6 construction will be completed within two to three weeks of commencement.

Section 8

Task Order 7946RA-11 and 11A– Phase 7 Construction Activities

8.1 General

CDM Smith is pleased to submit this Work Plan for RAP implementation of Phase 7 construction activities for the site. This Work Plan was prepared in accordance with Task Orders 7946RA-11 and -11A dated October 7, 2016. All work for each task order will be performed by CDM Smith staff and their subcontractors under the direction of a North Carolina licensed Engineer or Geologist.

All field activities will be performed in accordance with the Work Plan and CDM Smith's SOPQA manual, dated May 30, 2013, that was approved by the NCDEQ IHSB Unit. Work Plan details for subsequent Tasks and a general schedule for each are provided in the following Sections.

CDM Smith and subcontractor personnel engaged in intrusive field activities at the site will comply with Occupational Safety and Health Administration required health and safety training for hazardous waste sites. All subcontracted services will be performed by licensed or certified North Carolina subcontractors.

8.2 Scope of Work

Under Task Orders 7946RA-11 and 11A, CDM Smith will provide general construction services for the Phase 7 construction activities. CDM Smith will provide full-time observation by an RPR experienced with similar construction activities. CDM Smith's RPR will be on-site for an estimated 10 hours a day until construction is complete. The RPR will be familiar with the contract documents and will provide the following services:

- Observe daily construction activities to determine compliance with the plans and specifications, workmanship and progress in accordance with the approved schedule;
- Document daily construction activities through written field reports and photographs;
- Provide daily field reports and photographs to the CDM Smith and Unit Project Managers no later than the close of business of the following day;
- Coordinate with the subcontractor on measurement of quantities;
- Collect cover soil and confirmatory soil samples during construction. Samples will be analyzed as proposed in the remedial action plan;
- Prepare a preliminary punch list of close out items; and
- Observe and verify performance testing by the subcontractor.

In addition, CDM Smith will perform the following additional administrative services during construction:

- Attend monthly progress meetings at the Site. Summary meeting notes will be prepared for the monthly progress meetings and all meetings will be documented by a digital recording device. Meeting notes will be provided to all attendees;
- Prepare monthly reports that summarize the progress provided in the RPR's daily reports. An updated construction schedule will also be provided with the monthly progress reports;
- Respond in writing to the subcontractor's Requests for Information and requests for clarification, including necessary supporting documentation;
- Review Change Order proposals, including cost estimates for construction contract changes, and prepare Change Orders;
- Review and make recommendations or provide supporting written documentation if needed regarding disputes and claims by the subcontractor;
- Verify that the subcontractor completes all work in accordance with the General Conditions, Standard General Provisions and Technical Specifications;
- Review project closeout documentation and provide final inspection to check that punch list items have been completed;
- Conduct final inspection of the project for compliance with technical provisions of the contract; and
- A walk-through inspection of the project will be accomplished with the Unit, subcontractor and CDM Smith. Items found to be unsatisfactory will be submitted by CDM Smith to the subcontractor in writing. CDM Smith will check that each item is corrected prior to certification;

Phase 7 construction activities to be completed by the selected subcontractor include: Installation and maintenance of temporary sediment and erosion and stormwater control devices; clearing, grubbing, and disposal of grubbed material; excavation, transport, and disposal of waste; installation of permanent stormwater control devices; Phase 7 survey; installation of Phase 7 protective cover system; final restoration and stabilization; punch list completion; temporary fencing removal; final site survey; and demobilization.

CDM Smith cost estimates for this Task are included in Task Order 7946RA-11 and selected subcontractor costs are included in Task Order 7946RA-11A.

8.3 Schedule

CDM Smith will and the selected subcontractor will commence Phase 7 construction activities immediately following completion of the Phase 6 construction activities. It is estimated that the Phase

7 construction and final site activities will be completed within three to four weeks of commencement.

Section 9

Task Order 7946RA-12 – Completion Report

9.1 General

CDM Smith is pleased to submit this Work Plan for the RAP completion report for the site. This Work Plan was prepared in accordance with Task Order 7946RA-12 dated October 7, 2016. All work for each task order will be performed by CDM Smith staff and their subcontractors under the direction of a North Carolina licensed Engineer or Geologist.

9.2 Scope of Work

Under Task Order 7946RA-12, CDM Smith will prepare a completion report that summarizes the results of the implemented Remedial Action Plan. The completion report will include a discussion of the implementation of the Remedial Action Plan, discuss any variation from the Remedial Action Plan or CDM Smith's SOPQA manual, if applicable, as well as tables summarizing sampling results and record drawings generated during construction. In addition, the completion report will also include a construction quality assurance/quality control report certifying that the project was completed in general accordance with the design drawings and specifications.

9.3 Schedule

CDM Smith will begin preparing the Completion Report immediately following completion of the Phase 7 activities.